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**To:** UNITED STATES PATENT AND TRADEMARK OFFICE  
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EXAMINER: Hashem, Lisa - Group Art Unit: 2645 703-872-9306  
(Location) (Fax Number)

**From:** S/N: 09/933,364 - Gailus et al.  
(Sender's Name) (Extension)

**TOTAL NUMBER OF PAGE(S)** 14 **(INCLUDING THIS PAGE)**

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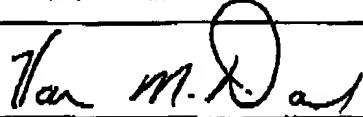
PTO/SB/21 (08-00)

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>		Application Number	09/933,364	
		Filing Date	August 20, 2001	
		First Named Inventor	Gallus et al.	
		Group Art Unit	2645	
		Examiner Name	Hashem, Lisa	
Total Number of Pages in this Submission		13	Attorney Docket Number	CM04766H

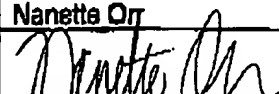
  

ENCLOSURES		(check all that apply)
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> After Allowance <input type="checkbox"/> Communication to Group Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter with appropriate copies <input type="checkbox"/> Other Enclosure(s) (please identify below) <input type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> Associate Power of Attorney <input type="checkbox"/> RCE <input type="checkbox"/> Copy of Notice to File Missing Parts <input type="checkbox"/> Transmittal of Formal Drawings <input type="checkbox"/> Response to Notice of Non- Recording of Document
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Valerie M. Davis	Registration No. 50,203
Signature		
Date	October 12, 2004	

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Typed or printed name	Nanette Orr
Signature	
Date	October 12, 2004

<b>FEE TRANSMITTAL</b>  Patent fees are subject to annual revision		<i>Complete if Known</i>		
		Application Number	09/933,364	
		Filing Date	August 20, 2001	
		First Named Inventor	Gallus et al.	
		Examiner Name	Hashem, Lisa	
		Group Art Unit	2845	
TOTAL AMOUNT OF PAYMENT		(\$) <b>212.00</b>	Attorney Dockel No.	CM04788H

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																											
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number: <b>50-2117</b> Deposit Account Name: <b>Motorola, Inc.</b>  <input checked="" type="checkbox"/> Charge Any Additional Fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>3. ADDITIONAL FEES</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>100</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>26</td><td>Surcharge - late Provisional filing</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td></tr> <tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>1804</td><td>620*</td><td>1804</td><td>620*</td><td>Requesting publication of SIPI prior to Examiner action</td></tr> <tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIPI after Examiner action</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td></tr> <tr><td>1253</td><td>890</td><td>2253</td><td>485</td><td>Extension for reply within third month</td></tr> <tr><td>1254</td><td>1450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td></tr> <tr><td>1255</td><td>1870</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>65</td><td>Petition to revive - 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Name (Print/Type)	Valerie M. Davis	Registration No.	50,203																																																																																																																																																										
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APPLICANT(S) Gailus, et al. GROUP ART UNIT: 2645  
APPLN. NO.: 09/933,364 EXAMINER: Lisa Hashem  
FILED: August 20, 2001  
TITLE: A FEEDBACK LOOP WITH ADJUSTABLE BANDWIDTH

Date of deposit: 10/12/2004  
I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached (herein, in an envelope addressed to Mail Stop Non-Fee Amendment, Assistant Commissioner for Patents, Alexandria, VA 22313.  
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AMENDMENT

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Responsive to the Office Action dated July 9, 2004, Paper No. 3, and Examiner's comments with regard thereto, please enter the following amendments in the above-entitled application, without prejudice or disclaimer.

**Amendments to the Specification** begin on page 2 of this paper

**Listing of the Claims** begins on page 4 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.